

SAFETY DATA SHEETS

This SDS packet was issued with item:

071099480

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

071099415 071099423 071099431 071099449 071099472 071099498 071099506 071099530

SECTION 1: IDENTIFICATION OF PRODUCT

FORMULA: PROPRIETARY MIXTURE OF ELASTOMER RESINS AND SOLVENTS.

SYNONYM OR CROSS REFERENCE: **FLEX SEP****AMERICAN DENTAL SUPPLY, INC.**1075 N. Gilmore Street
Allentown, PA 18109-3210
www.americandentalsupply.net
(800) 558-5925**MATERIAL
SAFETY
DATA****NFPA RATINGS**HEALTH HAZARD: 1
FIRE & EXPLOSION: 3
REACTIVITY: 0
PROTECTION: A**SECTION 2: HAZARDOUS INGREDIENTS**

MATERIAL: MODERATELY HIGH VOLATILE BLEND OF RESIN SOLVENTS.

NATURE OF HAZARD: FLAMMABLE LIQUID. NON-HAZARDOUS MATERIALS ARE NOT SEPARATELY LISTED.
LESS THAN 1 LITER SHIPS AS ORM-D**SECTION 3: PHYSICAL DATA**MELTING POINT: °F: N/A
BOILING POINT: °F: 165
VAPOR PRESSURE: (mm Hg): 34 @ 68 °F
SPECIFIC GRAVITY: (H₂O=1): 0.88
VAPOR DENSITY: (AIR =1): GREATER THAN 1
WATER SOLUBILITY: SLIGHT
PH OF SOLUTION: N/A
PERCENT VOLATILE: APPROX. 80%
EVAPORATION RATE: (BuAc =1): GREATER THAN 1
APPEARANCE: VISCOUS, SLIGHTLY HAZY LIQUID, CHARACTERISTIC SOLVENTS ODOR. MAY BE CLEAR OR COLORED
RED OR BLUE. (THINNER IS CLEAR, MOBILE, COLORLESS LIQUID.)**SECTION 4: FIRE AND EXPLOSION HAZARD DATA**FLASH POINT (method used): 25 °F. (TCC)
FLAMMABLE LIMITS: LEL=2%

FIRE EXTINGUISHING MEDIA: CARBON DIOXIDE OR DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: NONE FOR LAB QUANTITIES

UNUSUAL FIRE AND EXPLOSION HAZARD: CLOSED BOTTLES MAY RUPTURE IF EXPOSED TO EXTREME HEAT.

SECTION 5: HEALTH HAZARD

THRESHOLD LIMIT VALUE: TLV (ACGIH): 130 PPM (EVAPORATED SOLVENTS)

HEALTH HAZARDS: Effects of overexposure to product.

Skin: PROLONGED CONTACT MAY CAUSE MILD IRRITATION.

Eyes: CONTACT WITH VAPOR OR LIQUID WILL CAUSE IRRITATION, REDNESS AND TEARING.

Inhalation: OVEREXPOSURE TO VAPORS IN AREA OF POOR VENTILATION MAY CAUSE DIZZINESS, NAUSEA, HEADACHE,
AND IRRITATION TO RESPIRATORY TRACT.

Ingestion: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, DIZZINESS AND FATIGUE.

FIRST AID PROCEDURES:

Skin: WASH WELL WITH SOAP AND WATER.

Eyes: FLUSH WELL WITH COOL WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

Inhalation: IF AFFECTED, REMOVE TO FRESH AIR. IF IRRITATION PERSISTS CONTACT A PHYSICIAN.

Ingestion: DO NOT INDUCE VOMITING. GIVE WATER TO DRINK. GET MEDICAL ATTENTION.

CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC OR OSHA.

SECTION 6: REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: FLAMES, SPARKS AND HEAT

INCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZING AGENTS, CAUSTICS AND STRONG ACIDS

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION WILL LIBERATE OXIDES OF CARBON AND NITROGEN.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 7: SPILL AND DISPOSAL PROCEDURESSTEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
SHUT NEARBY SOURCES OF HEAT OR FLAME. VENTILATE THE AREA. WIPE UP WITH ABSORBANT CLOTHS OR TOWELING.
MAY BE ALLOWED TO EVAPORATE TO DRYNESS IN AN EXHAUST HOOD. FLEX-SEP RESIDUES MAY BE CLEANED UP WITH
MINERAL SPIRITS OR PAINT THINNER.

WASTE DISPOSAL METHOD:

INCINERATION IS BEST, DISCARD IN AN APPROVED METAL WASTE CAN.

SECTION 8: PROTECTION INFORMATIONVENTILATION: LOCAL EXHAUST PREFERRED. MECHANICAL (GENERAL) ACCEPTABLE IF SUFFICIENT TO KEEP LEVELS
BELOW TLV.

SKIN: NITRILE RUBBER OR PLASTIC GLOVES IF CHAPPING OCCURS.

EYES: SAFETY GLASSES OR SPLASH GOGGLES. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NONE REQUIRED IN NORMAL USE.

OTHER PROTECTIVE EQUIPMENT: EYE-WASH STATION.

SECTION 9: HANDLING AND STORAGE (lab quantities)KEEP CONTAINERS WELL CLOSED. STORE IN COOL, DRY, WELL VENTILATED AREA. FOR LABORATORY OR OFFICE USE
ONLY. KEEP OUT OF REACH OF CHILDREN. AVOID HEAT AND DIRECT SUNLIGHT. NORMAL PRECAUTIONS OF LABORATORY
GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.**SECTION 10: MISCELLANEOUS INFORMATION**

REGULATIONS RELATED TO STORAGE AND HANDLING OF FLAMMABLE LIQUIDS SHOULD BE FOLLOWED.

EMERGENCY RESPONSE: INFOTRAC: 1-800-535-5053**SALES INFORMATION: 1-800-558-5925 (8 AM TO 6 PM EST, MONDAY TO FRIDAY)**

Revision Date: 3/1/2013

Information Furnished By: L. D. Hochhauser
Product Development Mgr.The above information is believed to be accurate and represents the best information currently available to us.
However, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, with
respect to such information, and we assume no liability resulting from its use or from improper use or handling of the
product. Users should make their own investigations to determine the suitability of the information for their particular
purposes.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF PRODUCT

PRODUCT NAME: **FLEX SEP**

APPLICATION: PROPRIETARY MIXTURE OF FLEXIBLE ELASTOMER RESINS AND SOLVENTS.

EMERGENCY CONTACT: **INFOTRAC: 1-352-323-3500, TOLL-FREE 1-800-535-5053**

SECTION 2: HAZARDS IDENTIFICATION (CLASSIFICATION)

HIGHLY FLAMMABLE LIQUID AND VAPOR: CAUSES SKIN IRRITATION: CAUSES SERIOUS EYE IRRITATION. ASPIRATION HAZARD.



SECTION 2A: PHYSICAL HAZARDS

H225: HIGHLY FLAMMABLE LIQUID AND VAPOR: CATEGORY 2:

SECTION 2B: HEALTH HAZARDS

THRESHOLD LIMIT VALUE: TLV (ACGIH) 130 PPM AS EVAPORATED SOLVENTS

SKIN: H315: CAUSES SKIN IRRITATION: CATEGORY 2.

EYES: H319: CAUSES SERIOUS EYE IRRITATION: CATEGORY 2B.

INHALATION: H333: MAY BE HARMFUL IF INHALED: CATEGORY 5.

INGESTION: H305: MAY BE HARMFUL IF SWALLOWED AND ENTERS AIRWAYS.

CARCINOGENICITY: NO INGREDIENT IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IRAC OR OSHA.

SECTION 3: COMPOSITION / INGREDIENTS

MIXTURE: ☒ Yes ☐ No

FLEXIBLE ELASTOMERIC RESINS (PROPRIETARY MIXTURE).

MIXTURE OF RESIN SOLVENTS (HYDROCARBONS, KETONES, ALIPHATIC ESTERS)

SECTION 4: FIRST AID MEASURES

SKIN: P302+352: IF ON SKIN: WASH WELL WITH SOAP AND WATER

EYES: P305+351+338: IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO – CONTINUE RINSING. P337+313: IF EYE IRRITATION PERSISTS GET MEDICAL ADVICE/ATTENTION

INHALATION: P304+340: IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. P342+311: IF EXPERIENCING RESPIRATORY SYMPTOMS: CALL A POISON CENTER OR DOCTOR/PHYSICIAN.

INGESTION: P301+330+331: IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING. P311: CALL A POISON CENTER/PHYSICIAN.

SECTION 5: FIREFIGHTING MEASURES

FLASH POINT: 25 F BY TCC

FLAMMABLE LIMITS: FLAMMABLE. LIMITS LEL = 2.0%

FIRE EXTINGUISHING MEDIA: P370+378: IN CASE OF FIRE: USE FOR EXTINCTION ; DRY CHEMICAL, CARBON DIOXIDE.

SPECIAL FIRE FIGHTING PROCEDURES: NONE FOR LAB QUANTITIES.

UNUSUAL FIRE AND EXPLOSION HAZARD: FLAMMABLE LIQUID. VAPORS MAY BE IGNITED BY HEAT, SPARKS, FLAMES OR STATIC ELECTRICITY. CONTAINERS MAY RUPTURE IS EXPOSED TO EXTREME HEAT.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PRECAUTIONS: N/A

PROCEDURES: EXTINGUISH ALL NEARBY SOURCES OF IGNITION. ABSORB LIQUID ON PAPER TOWELING, VERMICULITE OR ABSORBANT PADS AND ALLOW TO EVAPORATE IN A HOOD OR OPEN AIR. VENTILATE THE AREA.

SECTION 7: HANDLING AND STORAGE (LAB QUANTITIES)

P102: KEEP OUT OF REACH OF CHILDREN. P402+404: STORE IN A DRY PLACE. STORE IN A CLOSED CONTAINER. P403+235+410: STORE IN A WELL VENTILATED PLACE. KEEP COOL. PROTECT FROM SUNLIGHT. FOR LABORATORY OR OFFICE USE ONLY. DO NOT MIX WITH OTHER MATERIALS UNLESS DIRECTED TO DO SO. NORMAL PRECAUTIONS OF LABORATORY GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

SECTION 8: EXPOSURE CONTROLS (PERSONAL PROTECTION)

VENTILATION: LOCAL EXHAUST PREFERRED. GENERAL IS ACCEPTABLE IF LEVELS ARE KEPT BELOW TLV.

SKIN: P281: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. NITRILE OR RUBBER IMPERMEABLE GLOVES.

EYES: P281: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. SAFETY GLASSES OR GOGGLES. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NONE NEEDED FOR LAB QUANTITIES.

OTHER: EYE WASH STATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: VISCOUS, SLIGHTLY HAZY LIQUID, CHARACTERISTIC SOLVENTS ODOR. MAY BE CLEAR OR COLORED RED OR BLUE.

PH OF SOLUTION: N.A.

MELTING POINT: N.A.

BOILING POINT: APPROXIMATELY 165° F

SPECIFIC GRAVITY: (H2O=1) 0.88 @ 68° F

EVAPORATION RATE: (BUAC = 1) GREATER THAN 1.

VAPOR DENSITY: (BUAC = 1) GREATER THAN 1.

PERCENT VOLATILE: GREATER THAN 75%

VAPOR PRESSURE: 34 MM HG AT 68° F

WATER SOLUBILITY: NEGLIGIBLE

SECTION 10: REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: EXTREME HEAT.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS.

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION PRODUCES CARBON DIOXIDE AND MONOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

REACTIVITY WITH WATER: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:

SKIN: PROLONGED CONTACT CAN CAUSE IRRITATION DEFATTING AND DERMATITIS,

EYES: CAN CAUSE IRRITATION, REDNESS, TEARING, BLURRY VISION.

INHALATION: EXCESSIVE INHALATION OF HIGH CONCENTRATIONS CAN CAUSE NOSE AND THROAT IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE.

INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, CNS DEPRESSION. ASPIRATION HAZARD.

CHRONIC EXPOSURE: N/A

SENSITIZER: N/A

CARCINOGENICITY: NO INGREDIENT IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IRAC OR OSHA.

TERATOGENICITY: N/A

EMBRYOTOXICITY: N/A

MUTAGENICITY: N/A

PRE-EXISTING CONDITIONS: N/A

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: NOT EXPECTED TO BE SIGNIFICANT.

DEGRADABILITY: ALL COMPONENTS ARE VOLATILE AND NOT OZONE DEPLETERS.

BIOACCUMULATION: NOT EXPECTED TO BIO-ACCUMULATE.

MOBILITY IN SOIL: ALL COMPONENTS ARE VOLATILE AND/OR WATER INSOLUBLE.

SECTION 13: DISPOSAL INFORMATION

ABSORBED MATERIAL IN CLOSED METAL CAN; DRIED ABSORBER IN REGULAR TRASH.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER: UN 1263

SHIPPING NAME: PAINT/PAINT RELATED MATERIAL.

CLASS: Class 3

PACKING GROUP: PG II.

MARINE POLLUTANT: N/A

WARNING SYMBOL: FLAMMABLE, IRRITANT

OTHER: N/A

SECTION 15: REGULATORY INFORMATION

LABELING: FLAMMABLE, IRRITANT PICTOGRAMS.

NFPA RATINGS: HEALTH HAZARD: 1 FIRE & EXPLOSION: 3 REACTIVITY: 0 SPECIAL PROTECTION: B

NATIONAL REGULATIONS:

TSCA: ALL COMPONENTS ARE ON THE TSCA INVENTORY LIST.

SARA: N/A. EXTREMELY HAZARDOUS MATERIALS: NONE LISTED.

SARA SECTION 313: N/A

INAPPLICABLE: NO COMPONENTS ARE SUBJECT TO TSCA SNUR LISTING.

FOREIGN REGULATIONS:

ALL COMPONENTS ARE ON THE EU EINECS INVENTORY LIST AND THE CANADIAN DSL.

SECTION 16: OTHER INFORMATION

REGULATIONS RELATED TO STORAGE OF FLAMMABLE LIQUIDS SHOULD BE FOLLOWED.

COPYRIGHT 2014. NO UNAUTHORIZED COPIES MAY BE MADE WITHOUT THE EXPRESS WRITTEN PERMISSION OF AMERICAN DENTAL SUPPLY, INC., ALLENTOWN, PA. ALL RIGHTS RESERVED
SALES INFORMATION: 1-800-558-5925 (8 AM TO 6 PM EST, MONDAY TO FRIDAY)

Revision Date: 8/25/2017

Information Furnished By: L. D. Hochhauser
Product Development Mgr.

The above information is believed to be accurate and represents information currently available to us. Reasonable care has been taken in the preparation of this document; however, all the properties of this product may not have been completely evaluated. Users should make their own investigations to determine the suitability of the information for their particular purposes. We make no warrantee of merchantability or any other warrantee, expressed or implied, with respect to such information, and we assume no liability resulting from its use or from improper use or handling of the product. "N/A" indicates that at the time of preparation of this SDS, this information may not have been available or is not applicable. As additional information becomes available, SDS will be updated.